ALMOND HILL JUNIOR SCHOOL MEDIUM TERM PLAN

TOPIC TITLE/SUBJECT: Science – Living things and their habitats **YEAR GROUP: 6** **TERM: Autumn 2**

Vocabulary

species
algae
bacteria
classification
fungi
invertebrate
micro-organism
taxonomy
vertebrate
virus
Linneaus
habitat
yeast
reaction

Skills

Enquiry and working scientifically skills (UKS2)

- plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary
- take measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate
- record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs
- use test results to make predictions to set up further comparative and fair tests
- **report and present findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations**
- **identify scientific evidence that has been used to support or refute ideas or arguments.**

What we already know

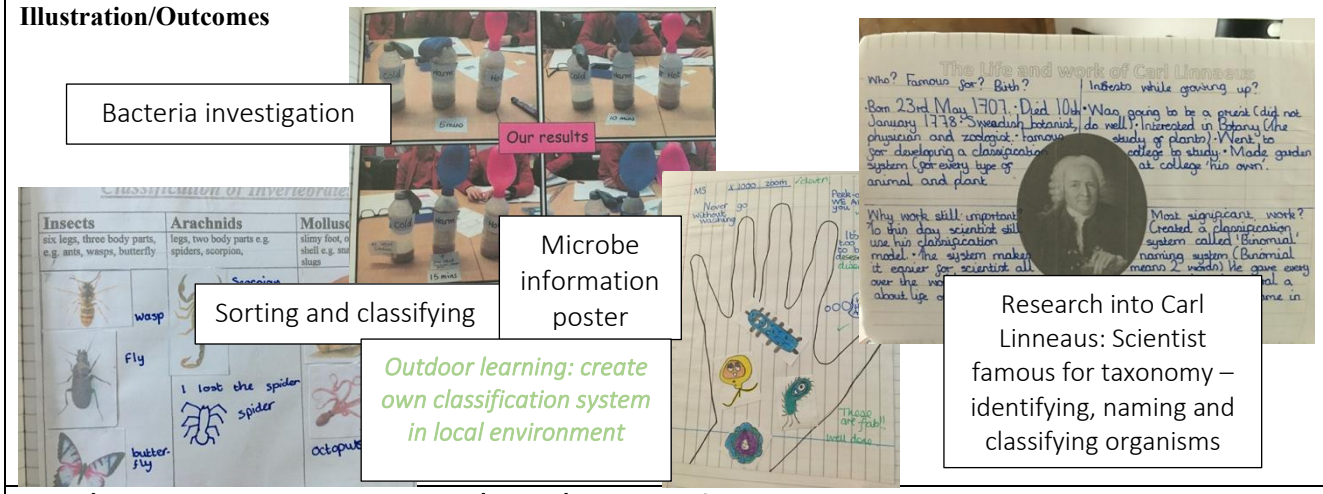
As part of their general knowledge, some children may know some basic concepts about this unit including…

- germs can spread by touching (hands or surfaces)
- Scientists from many years ago made discoveries which are still evolving, and we are learning more about today.

KS2 knowledge

- Y3/Sp – What is an invertebrate/vertebrate?
- Y4/Su2 – Living things and their habitats – Living things can be grouped in different ways/explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment

Illustration/Outcomes



Concepts

- Microorganisms: Micro – too small to be seen with naked eye, Organism – single cell life form
- Microorganisms are everywhere and live in bodies, air, water and surfaces.
- There are so many species of living things 'classification systems' are needed
- Many species are yet to be discovered
- Some microbes are helpful, and others are harmful

Other/Cross -Curricular links with English/Maths/Adaptation for SEND

SEND – (word banks, differentiated tasks, adult support, use of Ipads for research etc)

Maths – use of a range of tables and keys to record and classify